

FORM PTO-1390 (REV. 12-2001)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 045636-5083	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)</b>				U.S. APPLICATION NO. (if known, see 37CFR 1.5) <b>10/581814</b> <small>Unknown</small>	
INTERNATIONAL APPLICATION NO. PCT/FR2004/003115		INTERNATIONAL FILING DATE December 3, 2004		PRIORITY DATE CLAIMED December 5, 2003	
TITLE OF INVENTION METHOD FOR QUANTITATIVE EVALUATION OF A REARRANGEMENT OR A TARGETED GENETIC RECOMBINATION OF AN INDIVIDUAL AND USES THEREOF					
APPLICANT(S) FOR DO/EO/US Patrice MARCHE, Evelyne JOUVIN-MARCHE, Nicolas PASQUAL					
<p>Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))               <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the international Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).               <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))               <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11. to 20. below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and form PTO-1449 with 9 listed documents and 9 documents provided..</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input type="checkbox"/> Other items or information: PCT/RO/101, PCT/IB/304, PCT/IB/308, PCT/ISA/210, PCT/ISA/237, Sequence Listing</li> </ol>					

US APPLICATION NO. (If known, see 37 CFR 1.5) Unknown		INTERNATIONAL APPLICATION NO. PCT/FR2004/003115		ATTORNEY'S DOCKET NUMBER 045636-5083	
21. The following fees are submitted:				CALCULATIONS PTO USE ONLY	
<b>BASIC NATIONAL FEE (37 CFR 1.492 (A) (1) - (5)):</b> \$300.00					
<input checked="" type="checkbox"/> Examination Fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100.00					
All other situations..... \$200.00					
<input checked="" type="checkbox"/> Search Fee:					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00					
International Search Report prepared and provided to the Office..... \$400.00					
All other situations..... \$500.00					
<b>TOTAL of 21, 22 and 23:</b>					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round UP to a whole number)	RATE		
-100 =	/50 =		\$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h))				\$	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	-20 =		x \$50		
Independent Claims	- 3 =		x \$200		
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (if applicable)			x 360		
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$	900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees reduced by 1/2.				- \$	
<b>SUBTOTAL =</b>				\$	900.00
Processing fee of \$130.00 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					
<b>TOTAL NATIONAL FEE</b>				=	\$ 900.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). x \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED</b>				=	\$ 900.00
				<b>Amount to be refunded:</b>	
				<b>charged:</b>	\$900.00
<input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed					
<input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0310 to cover the above fees.					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0310.					
<b>Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</b>					
22. <input type="checkbox"/> Other instructions					
23. <input checked="" type="checkbox"/> All correspondence for this application should be mailed to MORGAN, LEWIS & BOCKIUS LLP 009629					
24. <input checked="" type="checkbox"/> All telephone inquiries should be made to 202.739.3000.					
Elizabeth C. Weimar		Elizabeth C. Weimar		44,478	June 5, 2006
NAME		SIGNATURE		REG. NO.	DATE